



9900mAh **POWER-RESQ** MULTI-FUNCTION JUMP STARTER



USER MANUAL



Ensure battery is fully discharge prior to the first charging to maximise your battery life.

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Safety information

To prevent injury to yourself and others or damage to your device, read the safety information about your device before using the device.



Warning

Failure to comply with safety warnings and regulations can cause serious injury or death.

Do not use damaged power cords or plugs, or loose electrical sockets

Unsecured connections can cause electric shock or fire.

Do not touch the car charger with wet hands or disconnect the charger by pulling the cord

Doing so may result in electrocution.

Do not bend or damage the car charger

Doing so may cause electric shock or fire.

Do not use your device while it is charging or touch your device with wet hands

Doing so may cause electric shock.

Do not short-circuit the charger or the device

Doing so may cause electric shock or fire, or the battery may malfunction or explode.

Use manufacturer-approved batteries, chargers, accessories, and supplies

- Using generic batteries or chargers may shorten the life of your device or cause the device to malfunction. They may also cause a fire or cause the battery to explode.
- Use only Maka GPS Technologies Group-approved battery and charger specifically designed for your device. Incompatible battery and charger can cause serious injuries or damage to your device.
- Maka GPS Technologies Group cannot be responsible for the user's safety when using accessories or supplies that are not approved by Maka GPS Technologies Group.

Do not drop or cause an impact to the charger or the device.

Handle and dispose of the device and charger with care

- Never dispose of the battery or device in a fire. Never place the battery or device on or in heating devices, such as microwave ovens, stoves, or radiators. The device may explode when overheated. Follow all local regulations when disposing of used battery or device.
- Never crush or puncture the device.
- Avoid exposing the device to high external pressure, which can lead to an internal short circuit and overheating.

Protect the device, battery and charger from damage

- Avoid exposing your device and battery to very cold or very hot temperatures.
- Extreme temperatures can damage the device and reduce the charging capacity and life of your device and battery.
- Prevent the battery from coming into contact with metal objects, as this can create a connection between the + and – terminals of your battery and lead to temporary or permanent battery damage.
- Never use a damaged charger or battery.



Do not bite or suck the device or the battery

- Doing so may damage the device or result in an explosion or fire. • Children or animals can choke on small parts.
- If children use the device, make sure that they use the device properly.

Do not handle a damaged or leaking Lithium Ion (Li-Ion) battery

For safe disposal of your Li-Ion battery, contact your nearest authorised service centre



Caution

Failure to comply with safety cautions and regulations can cause injury or property damage

Do not expose the device to heavy smoke or fumes

Doing so may damage the outside of the device or cause it to malfunction.

If you notice strange smells or sounds coming from your device or the battery, or if you see smoke or liquids leaking from the device or battery, stop using the device immediately and take it to a Maka Service Centre

Failure to do so may result in fire or explosion.

Do not store your device in very hot or very cold areas. It is recommended to use your device at temperatures from 0 °C to 60 °C and humidity from 10% to 80%

Doing so may cause the screen to malfunction, result in damage to the device, or cause the battery to explode.

Do not use your device or applications for a while if the device is overheated

Prolonged exposure of your skin to an overheated device may cause low temperature burn symptoms, such as red spots and pigmentation.

Do not drop your device or cause impacts to your device

- Your device may be damaged or may malfunction.
- If bent or deformed, your device may be damaged or parts may malfunction.

Ensure maximum battery and charger life

- Avoid charging your device for more than a week, as overcharging may shorten battery life.
- Over time, unused device will discharge and must be recharged before use.
- Disconnect the charger from power sources when not in use.
- Leaving batteries unused over time may reduce their lifespan and performance. It may also cause the batteries to malfunction or explode, or cause a fire.
- Your device may wear out over time. Some parts and repairs are covered by the warranty within the validity period, but damages or deterioration caused by using unapproved accessories are not.

Do not disassemble, modify, or repair your device

- Any changes or modifications to your device can void your manufacturer's warranty. If your device needs servicing, take your device to a Maka Service Centre.
- Do not disassemble or puncture the battery, as this can cause explosion or fire.
- Turn off the device before removing the battery. If you remove the battery with the device turned on, it may cause the device to malfunction.

When cleaning your device, mind the following

- Wipe your device or charger with a towel or an eraser.
- Do not use chemicals or detergents. Doing so may discolour or corrode the outside the device or may result in electric shock or fire.

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Correct disposal of this product



(Waste Electrical & Electronic Equipment)

(Applicable in countries with separate collection systems)

This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.



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About this manual

This device provides high quality digital recording device using Maka's high standards and technological expertise. This user manual is specially designed to detail the device's functions and features.

- Please read this manual before using the device to ensure safe and proper use. Descriptions are based on the device's default settings.
- Images and screenshots may differ in appearance from the actual product.
- Content may differ from the final product, or from software provided by service providers and is subject to change without prior notice.
- For the latest version of the manual, refer to the Maka website at www.makagps.com.
- Available features and additional services may vary by device, software.
- Applications and their functions may vary by country, region, or hardware specifications.
- Maka is not liable for performance issues caused by applications from any provider other than Maka.
- Maka is not liable for performance issues or incompatibilities caused by not installing the device as stated in this manual. Attempting to customise the installation may cause the device or applications to work improperly. This may result in device malfunctions and data corruption or loss. These actions are violations of your Maka agreement and will void your warranty.
- Default applications that come with the device are subject to updates and may no longer be supported without prior notice. If you have questions about an application provided with the device, contact Maka Service Centre.



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Product Specifications

Smart-Charge Technology

- Restore and Recharge MaxPower 9900mAh Power ResQ at the same time by diverting overloaded electricity back to the device.

Intelligent Reverse Polarity Protection

- Prevents damage to the jump starter if the battery is connected in reverse.
- Alert user with an alarm and an error message on the car jump terminal display.

Multiple Intelligent Protections

- Protect and limit damage to your car engine and battery from short-circuit, over-voltage, and over-current.

Extensively Charging Cycles

- Delivering up to 3,000 times charging cycle that is 3 times more than the normal jump starter batteries

Dimension	(L)150mm x (W)73mm x (H)28mm
Weight	328grams
Capacity	9900mAh
Stating Current	>250A
Peak Current	450A<3S
Charging Cycles	Up to 3,000 times*
Input	14V/1A
Output	USB Port: 5V/2A Laptop Port: 19V/3.5A
Jump Starter Output	12V
Full Charge Time	3 Hours
Operating Temperature	20°C ~ 60°C
Battery Type	Lithium Polymer

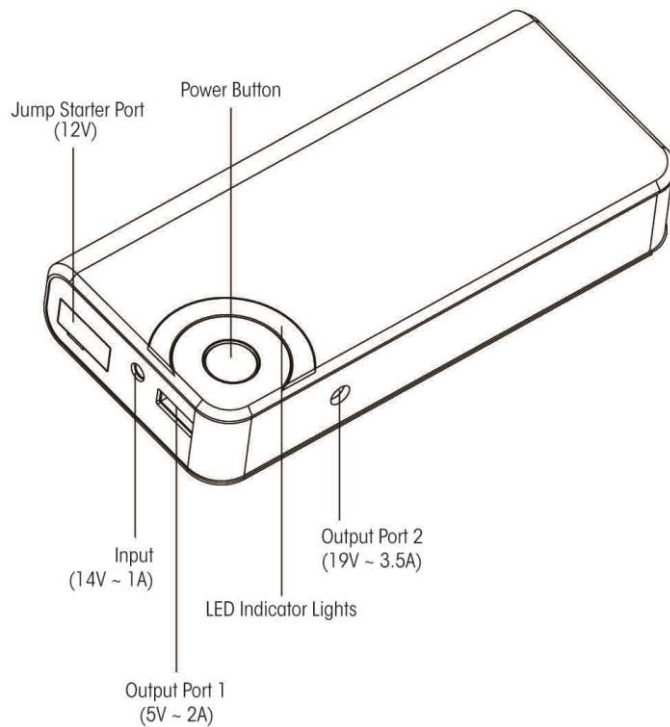
**One full charge and discharge of MaxPower 9900mAh Power ResQ Multi-function Jumpstarter.*



Getting Started

Overview of your MaxPower 9900mAh Power ResQ

FRONT VIEW



REAR VIEW

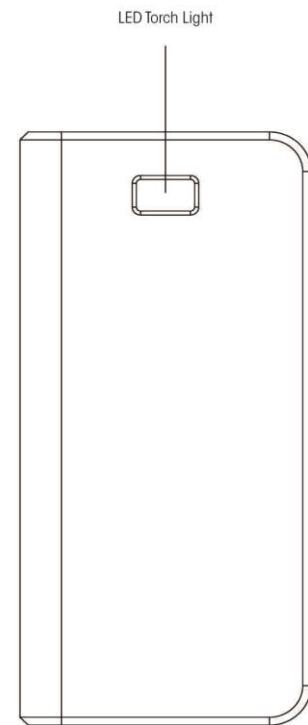


Figure 1: MaxPower 9900mAh Power ResQ Multi-Function Jump Starter

Table 1: Keys of MaxPower 9900mAh Power ResQ

Key	Function
Power Button	Press and hold to turn the device on or off.
Output Port 1	Power supply can provide up to 5 Volts @ 1.0 Amps (maximum).
Output Port 2	Power supply can provide up to 19 Volts @ 3.5 Amps (maximum).
Jump Starter Port	Connect the Smart Terminal during a jump start operation. This power system is used ONLY on vehicles with 12 volt DC battery systems.
Input Port	Connect the wall socket charger to the charging port.
LED Indicator Lights	LED indicator lights for battery level or charging status.
LED Torch Light	Emergency LED Torch Light. 3 modes: Torchlight, Burst Flashing, SOS



Getting Started

Overview of your MaxPower Car Jump Terminal

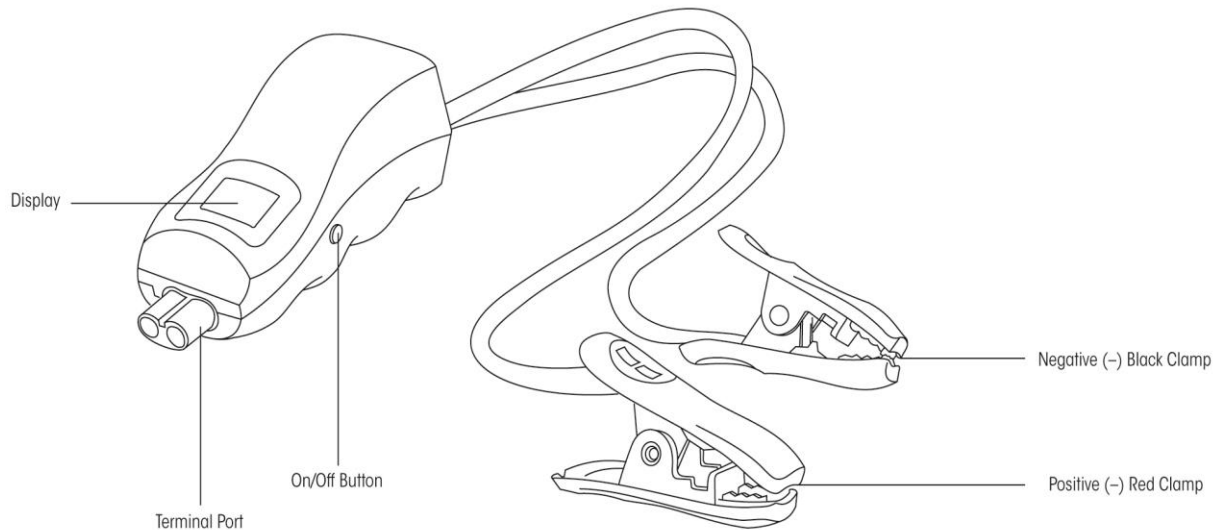


Figure 2: Car Jump Terminal Diagram

Table 2: Keys of Car Jump Terminal

Key	Function
Display	OLED display screen that display messages transmitted from the terminal.
Car Jump Terminal Port	Connect the Car Jump Terminal to the jump starter port. It also acts as a protection against short-circuit, over-voltage, and over-current situation.
On/Off Button	Press button to start and stop charging from the device.
Negative (-) Black Clamp	Connect negative (-) black clamp to vehicle battery's negative terminal.
Positive (+) Red Clamp	Connect positive (+) red clamp to vehicle battery's positive terminal.



Getting Started

Standard Packaging of your MaxPower 9900mAh Power ResQ

Package contents

Check the product box for the following items:

- 9900mAh Power ResQ
- Operating Manual
- Wall Socket Charger
- Smartphones Connectors
- Laptop Connector Tips Kit

The items supplied with the device and any available accessories may vary depending on the region. The supplied items are designed only for this device and may not be compatible with other devices.

Appearances and specifications are subject to change without prior notice. Malfunctions caused by using unapproved accessories are not covered by the warranty service. Availability of all accessories is subject to change depending entirely on manufacturing companies. For more information about available accessories, refer to the Maka GPS Technologies Group website



Getting Started

Jump Start 12V Car Installation of your MaxPower 9900mAh Power ResQ

Jump Start 12V Car Installation

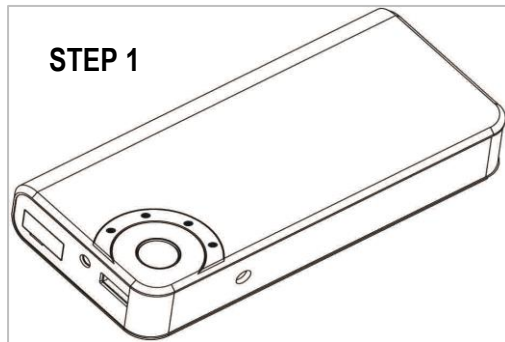
Warning

- This power system is to be used **ONLY** on vehicles with 12 volt DC battery systems.
- Read your vehicle owner's manual first as the manufacturer may have specific steps and precautions that pertain to your vehicle.
- If available, you should wear safety glasses and gloves while jumping your vehicle.
- If you are not in a well-ventilated area, please do not attempt to jump start your vehicle.
- Make sure that your MaxPower 9900mAh PowerResQ has at least 50% charged or has 2 indicator lights illuminated.
- Remove any and all USB and/or charging devices connected to the MaxPower 9900mAh PowerResQ.
- Put your vehicle in PARK and engage the emergency brake.
- Make sure the vehicle battery terminals, jumper cables and MaxPower 9900mAh PowerResQ are free of any moisture.
- Turn off ALL electronics in your vehicle (air conditioner, heater, radio, lights, chargers, etc.) to ensure optimal performance of your MaxPower 9900mAh PowerResQ.
- Ensure key is in the "OFF" position in the ignition. For smart-key fobs (push-to-start vehicles), make sure the vehicle is completely "OFF" before jump starting.
- Check battery terminals for build-up. If build-up is present try to clean off terminals with a wire brush or a dry cloth. A clean terminal will provide the best conductivity between your clamps, vehicle battery, and vehicle.
- Never touch red and black clamps together — this can cause dangerous sparks, power arcing, and/or explosion.
- Excessive engine cranking can damage the vehicle's starter motor. If the engine fails to start after the recommended number of attempts, discontinue jump-start procedure and look for other problems that need to be corrected.
- The product should **NOT** be submerged in water, exposed to rain or moisture.
- Do **NOT** allow the product or accessories to get wet when in use or storage.
- Replace worn or defective parts immediately — contact the Customer Service Department at www.makagps.com



Getting Started

Jump Start 12V Car Installation of your MaxPower 9900mAh Power ResQ

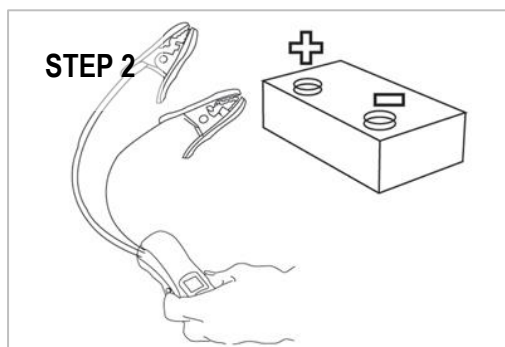


STEP 1

Make sure the battery capacity of the MaxPower 9900mAh Power ResQ is at 50% or more to jump start a vehicle. (At least 2 indicator lights stay ON)

Note:

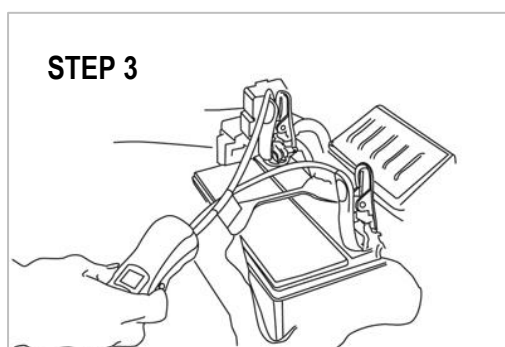
Do not use the jump start cable for any other purpose other than jump starting the vehicle.



STEP 2

Connect positive (+) **red** clamp to vehicle battery's **positive** terminal.

Connect negative (–) **black** clamp to vehicle battery's **negative** terminal.



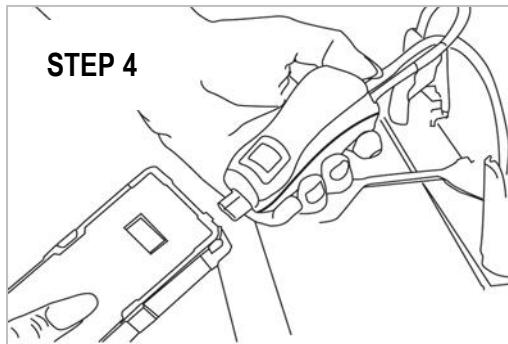
STEP 3

Check that you have a secure connection between the vehicle battery's terminal and clamps. And both clamps are connected correctly.



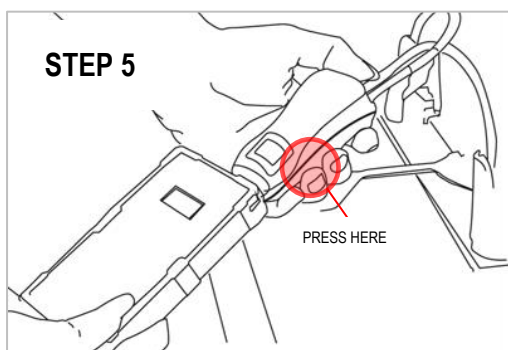
Getting Started

Jump Start 12V Car Installation of your MaxPower 9900mAh Power ResQ



STEP 4

Plug in the Car Jump Terminal to the Jump Starter Port.



STEP 5

Press start button to turn on Car Jump Terminal.

Smart-Charge Technology will begin charging your vehicle's battery terminal and recharging MaxPower 9900mAh Power ResQ at the same time by diverting overloaded electricity from the vehicle back to the device.

Note:

*The Car Jump Terminal will automatically switch off if you have exceeded the time limit of 30 seconds. Press start button again and proceed to **STEP 6** immediately.*

ERROR CODE ON THE CAR JUMP TERMINAL

Intelligent Reverse Polarity Protection

Jumper clamps are connected in a reverse manner, car jump terminal will cease operation.

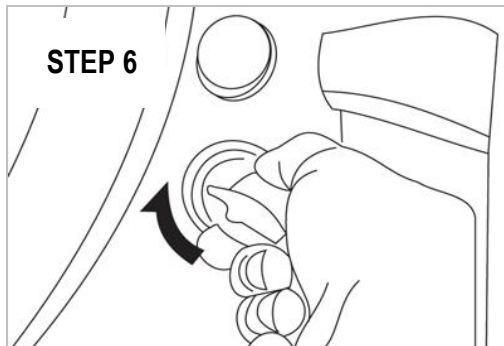
- 1) The car jump terminal will alert user with an alarm.
- 2) An error code **Err1** will appear on the display screen.

Solution: Reattach the jumper clamps correctly and press on the start button again.



Getting Started

Jump Start 12V Car Installation of your MaxPower 9900mAh Power ResQ

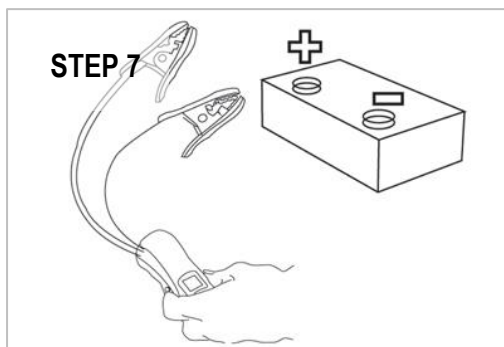


STEP 6

After a successful start, detach the clamps. First, disconnect the black clamp and then the red clamp in that order.

Note:

You should be sure to run your vehicle for at least 15 minutes before shutting the engine off again. If you have engaged the emergency brake, disengage before driving your vehicle.



STEP 7

Start the vehicle and leave the engine running. If the engine fails to start, repeat step 4 to 5 again.

Note:

If the engine fails to start after 3 attempts, discontinue jump-start procedure and look for other problems that need to be corrected.

ERROR CODE ON THE CAR JUMP TERMINAL

Multiple Intelligent Protections

Short Circuit Protection

Car jump terminal will cut off power supply when any short circuit is detected.

- 1) The car jump terminal will alert user with an alarm.
- 2) An error code **Err2** will appear on the display screen.

Solution: Your fuse might have likely blown. It is advisable to have it professionally checked or replaced.

Over-voltage Protection

The car terminal jumper limits the voltage supplied to the MaxPower 9900mAh Power ResQ by blocking any unwanted voltages above a safe threshold.

- 1) The car jump terminal will alert user with an alarm.
- 2) An error code **Err3** will appear on the display screen.

Solution: It is advisable to have your car professionally checked.



Getting Started

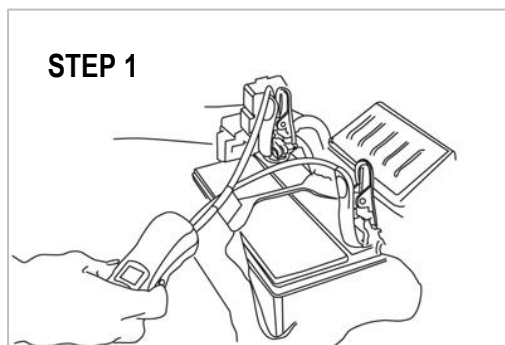
Jump Start 12V Car Installation of your MaxPower 9900mAh Power ResQ

Acting as a Backup Battery in your Car

MaxPower 9900mAh Power ResQ will keep the PIN codes and settings for radios and navigation systems from getting erased when you disconnect the battery on your car.

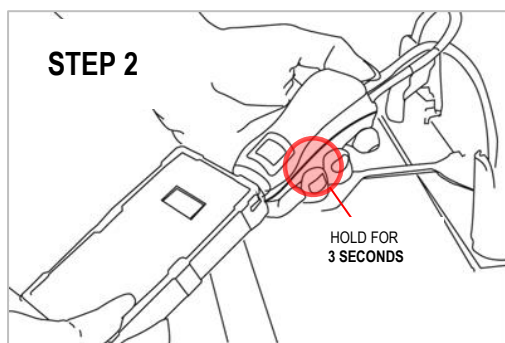
Warning

- Set up a secure working environment.
- Park on a flat, level surface at a safe distance from traffic, sparks or open flames.
- Put on the parking brake.
- Don't smoke, and make sure any smokers in proximity to the working area know not to smoke as well.
- Remember that electricity is not the only danger; batteries contain a sulfuric acid electrolyte solution, which is highly corrosive (i.e. can burn your skin) and produces a flammable gas.
- Put on gloves and safety goggles.



STEP 1

Make sure you have **SWITCH OFF** your car engine.
Secure both clamps on the vehicle battery's terminal.



STEP 2

Hold on to the start button on the Car Jump Terminal for 3 seconds. The alarm will sound for 2 times.

The word **"Uninterruptible Power Supply"** will be flashing on the display screen.

You may replace your old battery now with the clamps tightly secured to your car battery terminal.



Getting Started

Charging your MaxPower 9900mAh Power ResQ

Charging the battery

Warning

Ensure battery is fully DISCHARGE prior to the FIRST charging to maximise your battery life.

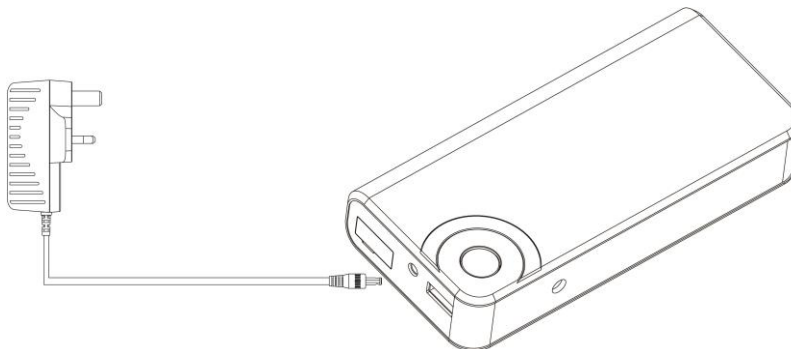
MaxPower 9900mAh Power ResQ will take approximately 3 hours to have a full charge.

Only charge the product at temperatures between 20°C ~ 60°C.

Do NOT modify or disassemble the product.

If corrosive liquid seeps from the product and comes in contact with your eyes, immediately wash your eyes with running water and consult with a doctor.

Use only the supplied home charger to charge the MaxPower 9900mAh Power ResQ. Unapproved chargers can cause the battery to explode or damage the device.



Plug the home charger to the wall socket and connect it to the charging port (14V/1A) of your MaxPower 9900mAh Power ResQ.

Connecting the charger improperly may cause serious damage to the device. Any damage caused by misuse is not covered by the warranty.

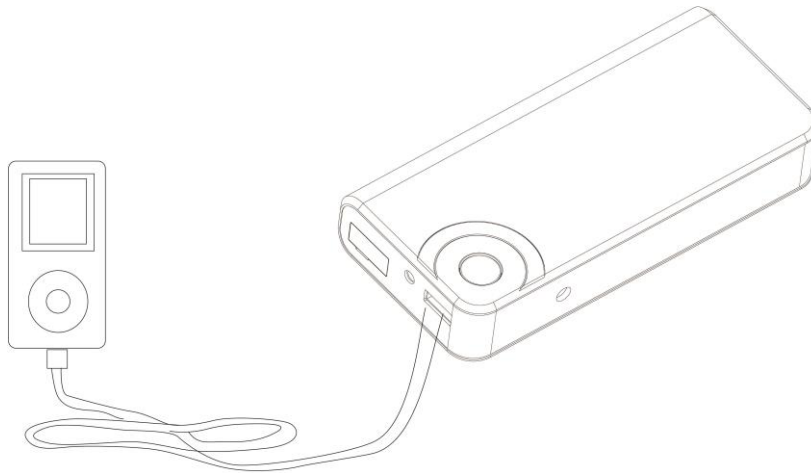
- The device can be used while it is charging, but it may take longer to fully charge the battery.
- If the device is not charging properly, contact the Customer Service Department at www.makagps.com



Getting Started

Charging your MaxPower 9900mAh Power ResQ

Charging the your smartphones/ laptops



Charging Smartphones

- You may use the USB data cable that comes standard with your phones or choose from the given smartphone charger connector to charge.
- Attach the USB connector to Output Port 1 (5V/2A) and dock connector to the bottom of the phone.
- If the battery is completely discharged, the device cannot be turned on immediately. Allow a depleted battery to charge for a few minutes before turning on the device.

Charging Laptops

- Choose your laptop connector tip from the given package and plug into the charging cable given.
- Attach the cable to Output Port 2 (19V/3.5A) and charging tip to your laptop.

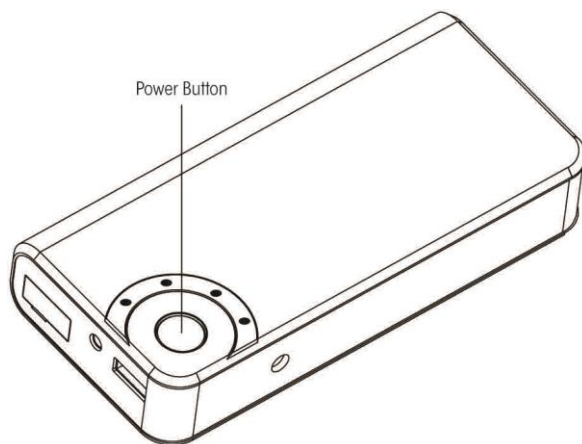


Getting Started
Operating the LED Touch Light

Turning on your Touch Light

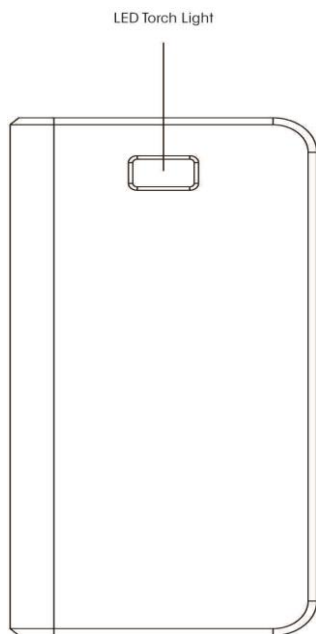
There are 3 modes of LED Touch Light to choose from:

- 1) Torchlight
- 2) Burst Flashing
- 3) SOS



STEP 1

Hold on to the Power Button for 3 Seconds.



STEP 2

Press on the Power Button again to toggle between the 4 different modes – Touchlight/ Burst Flashing/ SOS/ Off



Getting Started

FAQ on MaxPower 9900mAh Power ResQ

How long does MaxPower 9900mAh Power ResQ take to be fully charged?

It will take approximately 3 hours to be fully charged.

How long does MaxPower 9900mAh Power ResQ battery last in storage?

The battery can last up to 6 ~ 12 months. However, it is recommended to recharge every 6 months to achieve the desired results. It is recommended to keep the battery capacity at 50% or more in order to jump start a vehicle.

Will the car engine be damaged if the jumper clamps are connected incorrectly?

No. The Intelligent Reverse Polarity Protection will cease all operation when this occurs. No operation will be allowed till the jumper clamps are connected correctly.

How does MaxPower 9900mAh Power ResQ recharge during a jump start operation?

Smart-Charge Technology will recharge MaxPower 9900mAh Power ResQ thru the Car Jump Terminal by diverting overloaded electricity from the vehicle back to the device when you do a jump start. This will allow you to do multiple jump starts without having the hassle to recharge your Power ResQ.

How does the Multiple Intelligent Protections work?

During a jump start, the Car Jump Terminal will automatically shut down when short circuit or overload output happened to protect your vehicle.

How many times can MaxPower 9900mAh Power ResQ jump start a vehicle?

You may jump start up to approximately 200 times on a full charge.

How many times can MaxPower 9900mAh Power ResQ charge a smartphone?

It can charge one smartphone or one small tablet somewhere between two to four times, depending on the capacity of the battery in your particular gadgets.

Can I charge multiple devices at the same time?

You may charge your laptop and smartphone simultaneously. It provides 1 DC output for your laptop, and 1 USB port for 5V USB-charged devices.

How do I switch off the MaxPower 9900mAh Power ResQ?

It will turn off automatically once charging is completed or when not in use.



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